

Standard



Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.

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With solar power
always ready for use

KERN EFB
Platform scale

STANDARD



Mobile use
thanks to its solar power and
its low weight

Solar cells

Internal energy storage
for poor lighting conditions

AUTO-OFF function
after 4 min without change
of load

Large LCD display
with digit height 12 mm

Fast display
stabilisation time only
approximately 2 sec.

Easy to use
with 1 key only

Data hold function
The display is „frozen“ via
the HOLD-key until the key
is pressed again

Example Dual-range balance: KERN EFB 20K10D Max = 20 kg, d_1 = 10 g (from 0-10kg), d_2 = 20 g (from 10-20 kg)

Model	Read-out d g	Weighing range Max kg	Repro- duci- bility g	Linea- rity g	Net weight approx. kg	OPTION Certificate DKD for balances, see p. 75 KERN
$d_1 d_2$ = Dual-range balance (D=Dual) automatic change of readout						
EFB 10K5 D	5 10	5 10	5 10	± 15 30	2,5	963-128
EFB 20K10 D	10 20	10 20	10 20	± 30 60	2,5	963-128
EFB 50K20 D	20 50	20 50	20 50	± 60 150	2,5	963-128

Overall dimensions WxDxH 310x400x80 mm. Permissible ambient temperature +5 ... +35°C. Weighing system patented. **39**

KERN - Your DKD Calibration Partner



issues DKD calibration
certificates for
balances and test
weights in its own
accredited laboratories.
It is internationally valid.



KERN is manufacturer of test
weights in the international
classes of accuracy E1,
E2, F1, F2, M1, M2, M3,
from 1 mg up to 2000 kg



DKD = **G**erman
Calibration
Service

Your specialist dealer

KERN & SOHN GMBH

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Measurement data	EFB 10K5 D	EFB 20K10 D	EFB 50K20 D
Reproducibility	5g//10g	10g//20g	20g//50g
Linearity	+/-15g // +/-30g	+/-30g // +/-60g	+/-60g // +/-150g
Stabilisation time (s)	2	2	2
Sensitivity drift (°C)	160*10 ⁻⁶	160*10 ⁻⁶	160*10 ⁻⁶
Verification data			
Verification class	-	-	-
Verification value	-	-	-
Minimum load	-	-	-
Verification in the factory possible	-	-	-
Ambient conditions			
Permissible temperature	+5... +35°C	+5... +35°C	+5... +35°C
Permissible humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Piece counting			
Minimum weight	-	-	-
Reference quantity	-	-	-
Basic equipment			
Protective working cover	-	-	-
Accumulator	-	-	-
Battery-supply	-	-	-
Auto-Off	After 4min	After 4min	After 4min
Stand-by	-	-	-
Mains adapter	Solar	Solar	Solar
Filter steps	-	-	-
Type of balance display	LCD	LCD	LCD
Digit height of balance display	12mm	12mm	12mm
Levelling feet, level indicator	-	-	-
Weighing units	kg	kg	kg
Freely programmable weighing units	-	-	-
Internal adjusting weight	-	-	-
External test weight, included	-	-	-
Recommended adjusting weight	-	-	-
Explosion protection	-	-	-
Dimensions / materials / weights			
Dim. of weighing plate (WxDxH / Ø, mm)	300x300	300x300	300x300
Dimensions of terminal (WxDxH, mm)	-	-	-
Dimensions of casing (WxDxH, mm)	310x400x80	310x400x80	310x400x80
Material of casing	Plastic	Plastic	Plastic
Dim. of draught guard (WxDxH / ØxH, mm)	-	-	-
Material of draught guard	-	-	-
Dimensions of packaging (WxDxH, mm)	420x330x100	420x330x100	420x330x100
Gross weight (kg)	3	3	3
Net weight (kg)	2,5	2,5	2,5

Important notes:

- Our balances are **not suitable** for use in areas of high humidity or where there is a danger of explosion for models with protection class < IP 65.
- All relevant electrical regulations must be observed.